

Human Health Report for Case # P-18-0102

Report Status:

Complete

Status Date:

02/07/2018

CRSS Date:

02/05/2018

SAT Date:

02/06/2018

Health Assessor: Russell,
Lemuel**Consolidated PMN?:**

N

Ecotox Related Cases:**Human Health Related Cases:** P-18-0100**SAT Chair:** William Irwin**Submitter:** Allnex USA Inc.**CAS****Number:****Chemical Name:****Use:**

Trade Name: IRR 944,

PV - Max(Kg/Yr):

Physical Chemical Information**Molecular****Weight:****Physical****State - Neat:**

(Est.)

Wt% <**500:****Wt%****< 1000:****Melting****Point (Measured):****Melting****Point (est):****Boiling****Point (Measured):****Boiling****Point (est):****Vapor****Pressure:****Vapor****Pressure (est):** <0.000001**Water****Solubility:****Water****Solubility (est):** Dispersible**Log****Kow:****Log****P:****pH****and/or pKa:****Log****P:****Nanomaterial?****Percent of other substances in PMN formulation:****P2 Rec:**

None.

SAT P2**RecComments:****SAT Concern Level:****Chemical Category:**

Health Rating (1): 2 **Health Rating Comment (1):** Acrylates
concern for sensitization, genotoxicity, developmental toxicity, Onco,
Liver, Kidney

Health Rating (2): **Health Rating Comment (2):**

Dermal: Y

DW: Y

Inh: Y

**Other Description (e.g.,
Ingestion):**

Routes of Exposure: Dermal
Drinking Water Inhalation

**Health
Comments:**

Exposure Based Review (Health): Y

**Exposure-Based
Testing:**

SAT

Keywords:

Irr- E S, Sens, Muta, Onco, Dev, Liver,
Kidney

PBT Ratings:

Persistence	Bioaccumulation	Toxicity	Comments
3	1	2	

Fate Information:

Health Summary:

Absorption: Parent molecule: Nil all routes, Low MW Fractions:
Poor all routes based on P-chem properties. Based on multiple acrylate groups
there is concern for irritation of eyes and skin, sensitization, genotoxicity,
developmental toxicity, liver toxicity, kidney toxicity,
oncogenicity.

Test Data Submitted:

PMN: Oral LD50 > 2000; Genotoxicity negative in vitro and in vivo, with positive sensitization in the mouse LLNA study based on data for P-18-0100.

Analog: Dermal LD50 > 2000 mg/kg

Comments and/or Telephone Log:

Artifact	Update/Upload Time
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